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PTO/SB/21 (09-04)

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FORM**

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Total Number of Pages in This Submission

50 +

Application Number

10/634,419

Filing Date

August 5, 2003

First Named Inventor

James Lester Hicks

Art Unit

1624

Examiner Name

Venkataraman Balasubramanian

Attorney Docket Number

PC25286A

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Pfizer Inc.		
Signature	<i>Claude F. Purchase, Jr.</i>		
Printed name	Claude F. Purchase, Jr.		
Date	<i>January 12, 2006</i>	Reg. No.	47,871

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Cindy Malocha</i>		
Typed or printed name	Cindy Malocha	Date	<i>1-12-06</i>

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USPTO Fax No. 571-273-8300



10/634,419

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PC25286A

## IN THE UNITED STATES PATENT &amp; TRADEMARK OFFICE

APPLICATION NO. : 10/634,419 Confirmation No.: 7789  
APPLICANT(S) : JAMES LESTER HICKS, ET AL.  
FILED : AUGUST 5, 2003  
ART UNIT : 1624  
EXAMINER : VENKATARAMAN BALASUBRAMANIAN  
DOCKET NO. : PC25286A  
CUSTOMER NO. : 28880

Mail Stop Amendment  
Commissioner for Patents  
PO BOX 1450  
Alexandria, VA 22313-1450  
FAX: 571-273-8300

## REMARKS

Dear Sir:

This paper accompanies a supplemental information disclosure statement under 37 CFR §§ 1.97-1.98 on forms PTO/SB/08A & 08B. In accordance with 37 C.F.R. § 1.97(c)(2), the Commissioner is hereby authorized to charge the fee under 37 C.F.R. § 1.17(p), and any additional fees that may be required, or credit any overpayment, to deposit account number 23-0455.

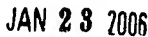
Applicants respectfully request that the Examiner consider carefully the complete text of the cited references in connection with examination of the above-identified application in accord with 37 CFR §1.104(a). It is respectfully requested that all cited reference(s) considered by the Examiner be listed in the "References Cited" portion of any patent issuing from the instant application (MPEP § 1302.12).

Respectfully submitted,

Date:

*January 12, 2006**Claude F. Purchase, Jr.*

Claude F. Purchase, Jr.  
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Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

Sheet	1	of	5
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**Complete if Known**

Application Number	10/634,419
Filing Date	August 5, 2003
First Named Inventor	James Lester Hicks
Art Unit	1624
Examiner Name	V. Balasubramanian
Attorney Docket Number	PC25286A

## U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
		WO 01/63244	08-30-2001	Chen et al.		
		WO 00/09485	02-24-2000	McClure et al.		
		WO 01/12611	02-22-2001	Blagg		
		WO 02/34726	05-02-2002	Noe et al.		
		WO 02/34753	05-02-2002	Bronk et al.		
		EP 0 935 963	08-18-1999	McClure et al.		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	10/634,419
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First Named Inventor	James Lester Hicks
Art Unit	1624
Examiner Name	V. Balasubramanian
Attorney Docket Number	PC25286A

Sheet	2	of	5
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		EP 1 138 680	10-04-2001	Noe		
		CA 2,082,076	05-06-1993	Weidmann et al.		
		WO 01/29010	04-26-2001	Ali et al.		
		EP 0 420 763	04-03-1991	Miyasaka et al.		
		DD 284 226	11-07-2000	Guertnor et al.		
		EP 1 069 110	01-17-2001	Kimura et al.		

Examiner Signature		Date Considered	
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Application Number	10/634,419
Filing Date	August 5, 2003
First Named Inventor	James Lester Hicks
Art Unit	1624
Examiner Name	V. Balasubramanian
Attorney Docket Number	PC25286A

Sheet	3	of	5
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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

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		Filing Date	August 5, 2003		
		First Named Inventor	James Lester Hicks		
		Art Unit	1624		
		Examiner Name	V. Balasubramanian		
Sheet	4	of	5	Attorney Docket Number	PC25286A

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Office Action mailed June 16, 2003, in U.S. 10/264,764	
		International Search Report in PCT/IB03/03525	
		CHEN et al., "Structure-Based Design of a Novel, Potent, and Selective Inhibitor for MMP-13 Utilizing NMR Spectroscopy and Computer-Aided Molecular Design", J. Am. Chem. Soc., 2000, Vol. 122, pp. 9648-9654	
		LOVEJOY et al., "Crystal structures of MMP-1 and -13 reveal the structural basis for selectivity of collagenase inhibitors", Nature Structural Biology, Vol. 6, No. 3, March 1999, pp. 217-221	
		MOY et al., "High-resolution Solution Structure of the Catalytic Fragment of Human Collagenase-3 (MMP-13) Complexed with a Hydroxamic Acid Inhibitor", J. Mol. Biol., 2000, Vol. 302, pp. 671-689	
		MITCHELL et al., "Cloning, Expression, and Type II Collagenolytic Activity of Matrix Metalloproteinase-13 from Human Osteoarthritic Cartilage", J. Clin. Invest., Vol. 97, No. 3, February 1996, pp. 761-768	
		NEUHOLD et al., "Postnatal expression in hyaline cartilage of constitutively active human collagenase-3 (MMP-13) induces osteoarthritis in mice", J. Clin. Invest., Vol. 107, No. 1, January 2001, pp. 35-44	
		DAHLBERG et al., "Selective Enhancement of Collagenase-Mediated Cleavage of Resident Type II Collagen in Cultured Osteoarthritic Cartilage and Arrest with a Synthetic Inhibitor That Spares Collagenase 1 (Matrix Metalloproteinase 1)", Arthritis & Rheumatism, Vol. 43, No. 3, March 2000, pp. 673-682	
		BILLINGHURST et al., "Comparison of the Degradation of Type II Collagen and Proteoglycan in Nasal and Articular Cartilages Induced by Interleukin-1 and the Selective Inhibition of Type II Collagen Cleavage by Collagenase", Arthritis & Rheumatism, Vol. 43, No. 3, March 2000, pp. 664-672	
		BILLINGHURST et al., "Enhanced Cleavage of Type II Collagen by Collagenases in Osteoarthritic Articular Cartilage", J. Clin. Invest., Vol. 99, No. 7, April 1997, pp. 1534-1545	

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		HIROTA et al., "Novel Synthesis of Pyrdo[3,4-d]Pyrimidines, Pyrdo[2,3-d]-Pyrimidines and Quinazolines via Palladium-Catalyzed Oxidative Coupling", Heterocycles, Vol. 37, No. 1, 1994, pp. 563-570	
		WERNICKE et al., "Cloning of Collagenase 3 from the Synovial Membrane and Its Expression in Rheumatoid Arthritis and Osteoarthritis", The Journal of Rheumatology, Vol. 23, No. 4, 1996, pp. 590-595	
		REBOUL et al., "The New Collagenase, Collagenase-3, Is Expressed and Synthesized by Human Chondrocytes but not by Synoviocytes", J. Clin. Invest., Vol. 97, No. 9, May 1996, pp. 2011-2019	
		FREEMONT et al., "In situ zymographic localisation of type II collagen degrading activity in osteoarthritic human articular cartilage", Ann. Rheum. Dis., Vol. 58, 1999, pp. 357-365	
		TARANTINO et al., "Inhibitors of DNA Polymerase III as Novel Antimicrobial Agents against Gram-Positive Eubacteria", Antimicrobial Agents and Chemotherapy, Vol. 43, No. 8, 1999, pp. 1982-1987	
		MAKINO et al., Chemical Abstracts Service AN 1995:392279 for "CAPLUS ONLINE"	
		FUCHIGAMI et al., Chemical Abstracts Service DN 106:18608 for "CAPLUS ONLINE"	
		Chem. Abst. Serv. Order No. AB-323/13887016 for "Chemcats Online"	

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